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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	1			
P51399	FOR FURTHER ACTION	Preliminary E	on of Transmittal of International Examination Report (Form PCT/IPEA/416)	
International application No.	International filing date (day/mor	th/year)	Priority date (day/month/year)	
PCT/US03/39633	12 December 2003 (12.12.2003)	i	13 December 2002 (13.12.2002)	
International Patent Classification (IPC)	or national classification and IPC		(301223005)	
IPC(7): C07D 417/00, 401/00; A61K 31	/44 and US Cl.: 514/338, 342			
Applicant				
SMITHKLINE BEECHAM CORPORAT	NON			
25mmmig Futurofity and f	ary examination report has been is transmitted to the applicant act at total of sheets, including	ccording to Ar	ticle 36.	
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of sheets.				
This report contains indicate	tions relating to the following it			
	roug relating to the following it	ems:		
I 🔀 Basis of the repo	rt			
П Priority				
III Non-establishmer	III Non-establishment of report with regard to novelty, inventive step and industrial applicability			
IV Lack of unity of		,,,	stop and moustrial applicability	
K-21				
applicability; cita	ent under Article 35(2) with reg	ard to noverty, ng such staten	, inventive step or industrial nent	
VI Certain document				
VII Certain defects in	the international application			
	ons on the international applica	41		
	one on the international applica-	non		
Date of submission of the 1				
Date of submission of the demand	Date of	f completion o	f this report	
29 June 2004 (29.06.2004)		ember 2004 (28	.11.2004)	
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US	Agthori	zed offiger		
Commissioner for Patents P.O. Box 1450	\ \tag{K} \ \langle \tag{K}	Saeed, Ph.D	Fausierce (
Alexandria, Virginia 22313-1450		one No. (571) 2	TON	
Facsimile No. (703)305-3230 form PCT/IPEA/409 (cover sheet)(July 199	2 creptio	——————————————————————————————————————	1/2 0/03	



Internationa	cation No.
PCT/US03/39633	3

Ŀ	ľ.	Bas	is of the report
[ı.	With	regard to the elements of the international application:*
l		X	the international application as originally filed.
		X	the description:
		_	pages 1-28 as originally filed
1			pages NONE , filed with the demand
			pages NONE, filed with the letter of
		\boxtimes	the claims:
			pages 29-38 , as originally filed
			pages NONE, as amended (together with any statement) under Article 19
			pages NONE , filed with the demand pages NONE , filed with the letter of
		∇	
l		Z	the drawings: pages NONE , as originally filed
			pages NONE , as originally filed pages NONE , filed with the demand
			pages NONE , filed with the letter of
l			the sequence listing part of the description:
			pages NONE , as originally filed
			pages NONE , filed with the demand
			pages NONE , filed with the letter of
2	• •	With	regard to the language, all the elements marked above were available or furnished to this Authority in the
	•	шь	age in which the intelligibility application was filed linless otherwise indicated and and in the in-
	i		e elements were available or furnished to this Authority in the following language which is:
	ļ	H	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	ļ	Щ	the language of publication of the international application (under Rule 48.3(b)).
	ŀ		the language of the translation furnished for the purposes of international preliminary examination(under Rules 55.2 and/or 55.3).
3.	. 1		regard to any nucleotide and/or amino acid sequence disclosed in the international application, the
	i	nterr	national preliminary examination was carried out on the basis of the sequence listing:
	ļ		contained in the international application in printed form.
	ļ	_	filed together with the international application in computer readable form.
	Ļ	_	furnished subsequently to this Authority in written form.
	Ĺ	_	furnished subsequently to this Authority in computer readable form.
	L		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
	_		international application as filed has been furnished.
	L	_] '	The statement that the information recorded in computer readable form is identical to the written sequence listing
	_	:	has been furnished.
4.		<u></u>	The amendments have resulted in the cancellation of:
			the description, pages NONE
			the claims, Nos. NONE
	,	!	the drawings, sheets/ fig NONE
5.	L		This report has been established as if (some of) the amendments had not been made, since they have been considered to go
			- 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
∓ thi	Ke,	ріасе	ment sheets which have been furnished to the receiving Office in remand to an incident
**	Ar	ny rej	as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). The placement sheet containing such amendments must be referred to under item 1 and annexed to this report.
_			annexea to this report.
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III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
1. The question whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), of to be industrially applicable have not been and will not be examined in respect of:
the entire international application, claims Nos. 1,2 and 4-43
2
because:
the said international application, or the said claim Nos relate to the following subject matter which do not require international preliminary examination (specify):
the description, claims or drawings (indicate particular elements below) or said claims Nos. 1,2 and 4-43 are so
unclear that no meaningful opinion could be formed (specify): In these claims, the variables (e.g. R, R1, R2, U, X, Y, Z, etc) and their voluminous complex meanings and their many permutations and combinations make it difficult to determine the full scope and complete meaning of the claimed subject matter. As sought and as such the listed claims do not comply with requirement of PCT article 6. Thus it is impossible to carry out a meaningful search on the same.
the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.
no international search report has been established for said claims Nos
A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:
the written form has not been furnished or does not comply with the standard.
the computer readable form has not been furnished or does not comply with the standard. rm PCT/IPEA/409 (Box III) (July 1998)
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Internation ication No. PCT/US03/39053

	statement	ventive step or industrial applicabilit	,, ——
1. STATEMENT			
Novelty (N)	Claims 3 and 44		ÆS
	Claims NONE	1	10
Inventive Step (IS)	Claims 3 and 44	,	ÆS
	Claims NONE		10
Industrial Applicability (IA)	Claims 3 and 44	•	ÆS
	Claims NONE		10
2. CITATIONS AND EXPLANATIONS			
the search report claim 3 and 44 of this invention is a because the prior art do not teach or fairly suggest the Claims 3 and 44 meet the criteria set out in PCT Art subject matter claimed can be made or used in industri	compounds as described in this	application	e
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Form PCT/IPEA/409 (Box V) (July 1998)